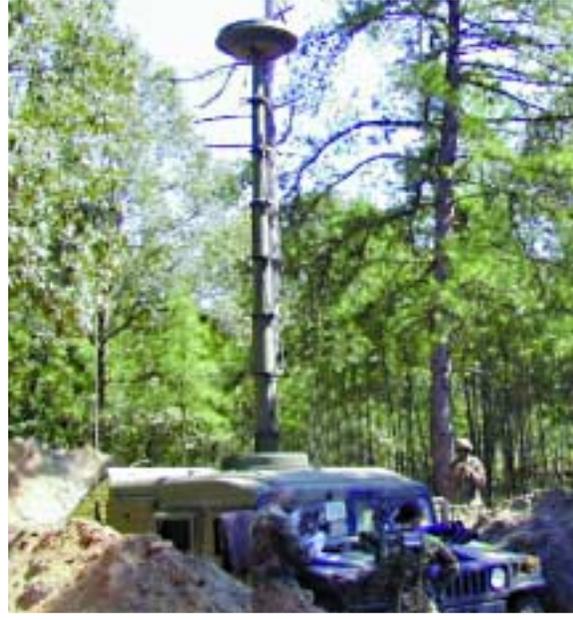


PROVIDING FORCE PROTECTION

- Stationary and OTM DF (Lines of Bearing)
- Tactical Communications Exploitation
- OTM Electronic Attack
- Dismounted Operations



Tactical SIGINT for the 21st Century

MISSION

Provide enhanced capability for force protection, situational awareness, battlespace visualization, and target development throughout the Brigade, Interim Brigade Combat Team (IBCT), and Armored Cavalry Regiment (ACR) areas of operations.

DESCRIPTION AND SPECIFICATIONS

Prophet is the Division, IBCT, and ACR tactical Signals Intelligence and Electronic Warfare (SIGINT/EW) system designed to support the Army Vision. The vehicular-mounted Prophet is a ground-based SIGINT/EW system on the High Mobility Multipurpose Wheeled Vehicle (HMMWV). Prophet also has a dismounted man-pack SIGINT version. The Prophet man-pack will have the capability for airborne insertion and early entry into the battlespace. The Prophet deploys in the brigade forward areas with force protection as its primary mission, and it will provide message internals exploitation, and emitter Lines-of-Bearing (LOB). When vehicular-mounted, Prophet will also provide on-the-move (OTM) LOBs, collection and reporting capabilities, and an OTM Electronic Attack (EA) capability.

When fielded, Prophet will replace the current SIGINT Legacy systems: which include the AN/TSQ-138 TRAILBLAZER, the AN/TRQ-32 TEAMMATE, the AN/TLO-17A TRAFFICJAM, and the AN/PRD-12 Lightweight Man-Transportable Radio Direction Finding Set. The Prophet acquisition approach makes use of open systems architecture, modular design, and nonproprietary industry standards. This approach provides for evolutionary growth and expansion via circuit card assemblies and software vice wholesale hardware replacement. The Prophet system will be procured under a five-Block acquisition approach. Prophet supports the Army's vision and will be an integral part of the two IBCTs. It provides standardization, reduced footprint, reduced logistics, smaller and lighter force structure, and improved mobility. Blocks IV and V will apply to Objective Force requirements.

FOREIGN COUNTERPART

The United Kingdom, Australia, Canada and France either have or are actively pursuing a comparable vehicular system.

FOREIGN MILITARY SALES

None

PROGRAM STATUS

- **CY00** Prophet System (PS) program restructured to create two distinct programs: Prophet and the Division Tactical Unmanned Aerial Vehicle (TUAV) SIGINT Program (DTSP).
- Previous PS Operational Requirements Document (ORD) revised.
- **July 24, 2000** New Prophet ORD approved on and only addressed the ground-version.
- Prophet completed Block I initial operational test and evaluation (IOT&E); Block II vehicle-mounted EA engineering and manufacturing development (EMD) contract awarded.

PROJECTED ACTIVITIES

- **CY01** Completed EMD (electronic support [ES] Block I).
- **1QCY01** Final Prophet ES IOT&E Report complete; MS III production, Prophet ES (Block I).
- **2QCY01** Prophet EA technical test (Block II); Contract award for Prophet ES production (Block I).

PRIME CONTRACTOR(S)

Prophet Block I, ES Development: Delfin Systems (Santa Clara, CA)

Prophet Block II, EA Development: Rockwell Collins (Cedar Rapids, IA)



* See appendix for list of subcontractors

